

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently amended) A computer controlled method comprising:
2 establishing communication between a wireless sensor and a provisioning
3 device over at least one preferred channel, said wireless sensor configured to send a
4 first commitment to said provisioning device over said at least one preferred channel
5 and to receive a second commitment from said provisioning device over said at least
6 one preferred channel;
7 receiving provisioning information from said provisioning device over said at
8 least one preferred channel, wherein the provisioning information includes a
9 credential and wherein the credential facilitates becoming a member of a secure
10 credential infrastructure; and
11 automatically configuring said wireless sensor for transmitting sensor
12 information over a secure communication channel responsive to said provisioning
13 information.
- 1 2. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information comprises a credential.
- 1 3. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information further comprises one or more of patient data, limit data,
3 alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse
4 data, insurance data or room assignment data.

1 4. (Original) The computer controlled method of claim 3, further comprising
2 transmitting said sensor information over said secure communication channel.

1 5. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information further comprises one or more of sensitivity data, target data,
3 image recognition data, or noise characteristics.

1 6. (Original) The computer controlled method of claim 1, wherein said
2 wireless sensor senses one or more of medical information, location information,
3 proximity information, environmental information, or vehicle information.

1 7. (Currently amended) A computer-readable storage medium storing
2 instructions

3 that when executed by a computer in a wireless sensor to cause the
4 computer to perform a method comprising steps of:

5 establishing communication between said wireless sensor and a provisioning
6 device over at least one preferred channel, said wireless sensor configured to send a
7 first commitment to said provisioning device over said at least one preferred channel
8 and to receive a second commitment from said provisioning device over said at least
9 one preferred channel;

10 receiving provisioning information from said provisioning device over said at
11 least one preferred channel, wherein the provisioning information includes a
12 credential and wherein the credential facilitates becoming a member of a secure
13 credential infrastructure; and

14 automatically configuring said wireless sensor for transmitting sensor
15 information over a secure communication channel responsive to said provisioning
16 information.

1 8. (Original) The computer-readable storage medium of claim 7, wherein
2 said provisioning information comprises a credential.

1 9. (Original) The computer-readable storage medium of claim 7, wherein said
2 provisioning information further comprises one or more of patient data, limit data,
3 alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse
4 data, insurance data or room assignment data.

1 10. (Original) The computer-readable storage medium of claim 9, further
2 comprising transmitting said sensor information over said secure communication
3 channel.

1 11. (Original) The computer-readable storage medium of claim 7, wherein said
2 provisioning information further comprises one or more of sensitivity data, target data,
3 image recognition data, or noise characteristics.

1 12. (Original) The computer-readable storage medium of claim 7, wherein said
2 wireless sensor senses one or more of medical information, location information,
3 proximity information, environmental information, or vehicle information.

1 13. (Currently amended) A wireless apparatus comprising:
2 at least one port configured to establish at least one preferred channel;
3 a preferred channel communication mechanism configured to be able to
4 establish communication with a provisioning device over said at least one preferred
5 channel the preferred channel communication mechanism further configured to be
6 able to send a first commitment to said provisioning device over said at least one
7 preferred channel and to be able to receive a second commitment from said
8 provisioning device over said at least one preferred channel:

9 a receiver mechanism configured to be able to receive provisioning
10 information from said provisioning device over said at least one preferred channel,
11 wherein the provisioning information includes a credential and wherein the
12 credential facilitates becoming a member of a secure credential infrastructure; and
13 an automatic configuration mechanism to enable said wireless sensor to transmit
14 sensor information over a secure communication channel established responsive to
15 said provisioning information.

1 14. (Original) The apparatus of claim 13, wherein said provisioning
2 information comprises a credential.

1 15. (Original) The apparatus of claim 13, wherein said provisioning
2 information further comprises one or more of patient data, limit data, alarm data,
3 dosage data, interval data, access data, physician data, caregiver data, nurse data,
4 insurance data, room assignment data, sensitivity data, target data, image recognition
5 data, activation data, or noise characteristics.

1 16. (Original) The apparatus of claim 15, further comprising a transmission
2 mechanism configured to transmit said sensor information over said secure
3 communication channel.

1 17. (Original) The apparatus of claim 13, wherein wireless apparatus further
2 comprises a sensor for measuring said sensor information.

1 18. (Original) The apparatus of claim 13, wherein said wireless sensor senses
2 one or more of medical information, location information, proximity information,
3 environmental information, or vehicle information.

1 19. (Original) The apparatus of claim 13, wherein said sensor
2 information is status information about the apparatus.

1 20. (Previously presented) The computer controlled method of claim 1,
2 wherein said at least one preferred channel comprises a single preferred channel
3 capable of communicating both from said wireless sensor to said provisioning device
4 and from said provisioning device to said wireless sensor.

1 21. (Previously presented) The computer controlled method of claim 1,
2 wherein said at least one preferred channel comprises a first preferred channel capable
3 of communicating from said wireless sensor to said provisioning device and a second
4 preferred channel capable of communicating from said provisioning device to said
5 wireless sensor.

1 22. (Previously presented) The computer-readable storage medium of claim
2 7, wherein said at least one preferred channel comprises a single preferred channel
3 capable of communicating both from said wireless sensor to said provisioning device
4 and from said provisioning device to said wireless sensor.

1 23. (Previously presented) The computer-readable storage medium of claim 7,
2 wherein said at least one preferred channel comprises a first preferred channel capable
3 of communicating from said wireless sensor to said provisioning device and a second
4 preferred channel capable of communicating from said provisioning device to said
5 wireless sensor.

1 24. (Previously presented) The apparatus of claim 13, wherein said at least one
2 preferred channel

3 comprises a single preferred channel capable of communicating both from said
4 wireless sensor to said provisioning device and from said provisioning device to said
5 wireless sensor.

1 25. (Previously presented) The apparatus of claim 13, wherein said at least one
2 preferred channel comprises a first preferred channel capable of communicating from
3 said wireless sensor to said provisioning device and a second preferred channel
4 capable of communicating from said provisioning device to said wireless sensor.